

Peak District National Park

Forecast valid from 06:00 on Saturday 12 Aug 2023 until 23:59 on Sunday 13 Aug 2023

Forecast Issued on Saturday 12 Aug 2023 at 04:10

Confidence: High for poor weather on Saturday, although with only moderate confidence in timing of the heaviest rain. Moderate confidence in Sunday and Monday, then higher for Tuesday and Wednesday as high pressure builds.

Headline for Saturday 12 Aug 2023: Cloudy and quite windy, with heavy rain at times.

Mountain weather hazards on Saturday 12 Aug 2023

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

Low Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

Low Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Cloudy	Cloudy	Heavy Rain	Light rain	Cloudy	Dull
Precipitation probability					
10%	30%	70%	70%	30%	10%

Forecast for Saturday 12 Aug 2023

Weather: Largely cloudy this morning, with outbreaks of mainly light rain at times, becoming heavier and more persistent around the middle of the day, with a low risk of thunder. The odd brighter or sunnier spell is possible in the east. Rain will ease and become more intermittent this afternoon, with isolated light showers following for a while before fading overnight.

Chance of cloud-free hill tops above 600m: 80% decreasing 50% around the middle of the day and again this evening.

Low cloud and visibility: Areas of cloud with bases 400-500m around the middle of the day, and again this evening. Visibility mainly good, but moderate to poor in any heavier rain and very poor in low cloud covering the hills.

Forecast for Saturday 12 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	22/29 S	24/31 S	23/31 SW	24/32 SW	23/31 SW	23/31 SW	21/29 SW
300	17/24 S	20/27 S	17/25 SW	19/27 SW	17/26 SW	17/26 SW	16/25 SW
Valley	10/23 S	12/26 S	12/24 SW	12/26 SW	12/25 SW	11/24 SW	11/23 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/8	12/8	13/10	14/10	14/10	12/8	11/8
300	14/11	15/12	16/13	16/13	16/13	14/11	14/11
Valley	15/13	16/14	17/15	17/15	17/15	15/13	14/12
Freezing Level*	2500m	2800m	2800m	2700m	2500m	2500m	2500m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Rain will make some paths wet and slippery, with some watercourses becoming swollen as the day progresses. Low cloud means good navigation skills will be required at times.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 12 Aug 2023	0mm	0mm	0mm

Forecast for Sunday 13 Aug 2023

Weather: Often rather cloudy but some sunny spells are likely, especially during the afternoon. Occasional showers, particularly during the afternoon, perhaps heavy in places.

Maximum wind: Southwesterly 15-20mph gusting 30mph

Chance of cloud-free hill tops above 600m: 50% increasing 100%

Low cloud and visibility: Areas of cloud base around 400-500m at first, rising during the morning to clear the summits by midday. Visibility generally good, but moderate to poor in showers and very poor in cloud covering hills at first.

Temperature: **Valleys:** Plus 12 Celsius rising to Plus 18 Celsius
At 600m: Plus 9 Celsius rising to Plus 13 Celsius
Freezing level: Above the summits